Atty Docket No.:

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): KABUSHIKI KAISHA TOSHIBA Name: Katsumi YAMATO and Kiyoshi TOSHIMITSU 72. Horikawa-cho Saiwai-ku, Address: Kawasaki-shi, Kanagawa-ken, Japan Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: □ Merger ■ Assignment □ Change of Name □ Security Agreement □ Other Additional name(s) and address(es) attached? □Yes ■No April 19, 2001 Execution Date: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: N/A B. Patent No.(s) A. Patent Application No.(s) 09/841,042 Additional numbers attached? □Yes ■No 6. Total applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed ☐ Authorized to be charged to deposit account 15-0030 8. Deposit account number: 22850(Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Moldnard phakuesters Na Registration in No. 20 Signature Eckhard H. Kuesters Date Registration Number: 24,913 Registration No. 28,870 Total number of pages including this cover sheet:

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Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE) Katsumi YAMATO of Chiba, Japan;
	Kiyoshi TOSHIMITSU of Kanagawa, Japan:
ISERT NAMES ND RESIDENCE DDRESSES OF HE INVENTORS:	
TE INVENTORS.	
	, respectively,
SERT TITLE F INVENTION:	have invented certain new and useful improvements in: METHOD AND SYSTEM FOR RADIO
	COMMUNICATIONS USING MOBILE TERMINAL MOVING ROUTE PREDICTION
ISERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on April 19, 2001
	(Application No, filed), and
ISERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE:	WHEREAS, KABUSHIKI KAISHA TOSHIBA
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 72, Horikawa-cho
	Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan ,
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

1.

Date: A April 19, 2001	(Signature of Inventor) Katsumi YAMATO
Date: April 19, 2001	Kiyoshi Toshimitan (Signature of Anventor) Kiyoshi TOSHIMITSU
Date:	(Signature of Inventor)